

Emco

**Hyperturn 665**  
**MC - VDI 30**



# High-tech from heimatec - heimatec - Tools and systems for productive turning and milling

heimatec belongs to the international technology and quality leaders for precision tools and specializes in the development and production of high-precision static and live tools for all CNC lathes, CNC turn-/mill machines and CNC machining centers.

The range of products\* spans from static BMT and VDI tool holders, live tools up to highly complex customer-specific individual solutions. heimatec, headquartered in Renchen, has a own subsidiary in Asia and India and numerous representatives as well as trading partners all over the world.

## \*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems




Tool systems for gear production


Digital tool management

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Part-#	Name	
<b>8 010 24 067</b>	<b>Axial drilling and milling head Weldon 14</b>	
	Version:	Special
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 14
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing, special length
<b>8 010 25 090</b>	<b>Axial drilling and milling head ER 25</b>	
	Weight [kg]:	1.580
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	round housing ø 68
<b>8 010 25 091</b>	<b>Axial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	1.830
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing ø 68
<b>8 010 25 118</b>	<b>Axial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	1.780
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing

Part-#	Name	
<b>8 010 25 119</b>	<b>Axial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	1.780
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Please note:	round housing ø 68
<b>8 013 22 000</b>	<b>Axial drilling and milling head Weldon 6</b>	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 6
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
<b>8 013 24 014</b>	<b>Axial drilling and milling head Weldon 10</b>	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 10
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
<b>8 013 25 007</b>	<b>Axial drilling and milling head Weldon 16</b>	
	Weight [kg]:	4.320
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:2
	Torque max [Nm]:	8
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing

Part-#	Name	
<b>8 014 25 002</b>	<b>Axial milling head universal arbor 22</b>	
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
<b>8 019 24 054</b>	<b>Axial milling head universal arbor 16</b>	
	Weight [kg]:	6.550
	Notation:	offset
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	3:1
	Torque max [Nm]:	75
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Taper roller bearings; check applicability; with
	Offset [mm]:	50
<b>8 030 25 014</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	4.230
	Employment for:	Main spindle
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	with fixation rail
	Center distance [mm]:	100
<b>8 030 25 025</b>	<b>Radial drilling and milling head Weldon 16 IC</b>	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Center distance [mm]:	100

Part-#	Name	
<b>8 030 25 114</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	4.860
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	120
<b>8 030 25 132</b>	<b>Radial drilling and milling head ER 25</b>	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100
<b>8 030 25 152</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	100
<b>8 030 25 287</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	120

Part-#	Name	
<b>8 030 25 321</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	5.060
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	120
<b>8 030 25 322</b>	<b>Radial drilling and milling head ER 25</b>	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	120
<b>8 030 26 004</b>	<b>Radial drilling and milling head Weldon 20</b>	
	Weight [kg]:	4.380
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Weldon (DIN 1835 b) 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
<b>8 030 26 044</b>	<b>Radial drilling and milling head HT 4</b>	
	Weight [kg]:	4.060
	Version:	right
	Tool drive:	DIN 5480
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	100

Part-#	Name	
<b>8 030 26 046</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	4.380
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	100
<b>8 030 26 047</b>	<b>Radial drilling and milling head HT 4 IC</b>	
	Weight [kg]:	4.500
	Notation:	180° reversible
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	100
<b>8 031 23 000</b>	<b>Radial milling head arbor 13</b>	
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Arbor 13
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
<b>8 031 25 005</b>	<b>Radial milling head universal arbor 22</b>	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	2:1
	Torque max [Nm]:	32
	Rotation max [1/min]:	3000
	Rotating direction:	opposite
	Coolant:	EXT

Part-#	Name	
<b>8 036 25 001</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	4.200
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	with fixation rail
	Center distance [mm]:	100
<b>8 036 25 032</b>	<b>Radial drilling and milling head ER 25 AX UT IC</b>	
	Weight [kg]:	4.740
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	100
<b>8 036 25 060</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
<b>8 036 25 073</b>	<b>Radial drilling and milling head ER 25 IC</b>	
	Weight [kg]:	4.640
	Version:	doubletoothed
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	with fixation rail

Part-#	Name	
	Center distance [mm]:	100
<b>8 037 29 017</b>	<b>Radial disk mill head shaft diameter 8-22 6°</b>	
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Interchangeable arbor
	Gear ratio [i]:	2,55:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	2000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Price without arbor;special version
<b>8 037 29 018</b>	<b>Radial disk mill head shaft diameter 8-22 6°</b>	
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Interchangeable arbor
	Gear ratio [i]:	2,55:1
	Torque max [Nm]:	40
	Rotation max [1/min]:	2000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Price without arbor;special version
<b>8 039 25 012</b>	<b>Radial drilling and milling head ER 25</b>	
	Weight [kg]:	4.730
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	100
<b>8 039 25 077</b>	<b>Radial drilling and milling head ER 25 AX UT</b>	
	Weight [kg]:	6.100
	Version:	double spindle
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	16
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	120

Part-#	Name	
<b>8 040 24 011</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 20</b>	
	Weight [kg]:	3.300
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	4000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Special version
<b>8 040 24 073</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT</b>	
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	88
<b>8 040 24 082</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT IC</b>	
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	88
<b>8 040 24 085</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 16 AX UT</b>	
	Weight [kg]:	4.660
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 16 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	88

Part-#	Name	
<b>8 040 25 038</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 25 AX UT</b>	
	Weight [kg]:	4.890
	Version:	right
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	88
<b>8 040 25 039</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 25 AX UT</b>	
	Weight [kg]:	4.900
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	88
<b>8 040 25 042</b>	<b>Universal head <math>\pm 90^\circ</math> adjustable ER 25 AX UT IC</b>	
	Weight [kg]:	4.840
	Version:	left
	Tool drive:	DIN 5480
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Please note:	stronger bearing
	Center distance [mm]:	88
<b>8 200 20 000</b>	<b>Plug Z2-30 K</b>	
	Weight [kg]:	0.060
	Shank size [mm]:	30.00
	Shank type:	VDI
<b>8 200 20 005</b>	<b>Plug Z2-30 S</b>	
	Weight [kg]:	0.740
	Shank size [mm]:	30.00
	Shank type:	VDI


Part-#	Name	
<b>8 202 20 012</b>	<b>Basic holder longitudinal seat FN 12</b>	
	Weight [kg]:	1.160
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Interface FN 12
	Coolant:	EXT
<b>8 210 26 011</b>	<b>Tool holder HT 4 IC</b>	
	Weight [kg]:	1.270
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
<b>8 210 26 012</b>	<b>Tool holder HT 4 IC</b>	
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
<b>8 230 27 038</b>	<b>Boring bar holder Ø 28</b>	
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 28
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	100
<b>8 230 28 036</b>	<b>Boring bar holder Ø 32</b>	
	Notation:	offset
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	100
<b>8 230 28 037</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	4.740
	Notation:	offset
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Offset dimension from center VDI shaft 35 mm
	Center distance [mm]:	100

Part-#	Name	
<b>8 230 28 056</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	5.670
	Notation:	offset
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	with fixation rail
	Center distance [mm]:	120
<b>8 230 29 005</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	4.480
	Version:	right
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in left version
	Center distance [mm]:	100
<b>8 231 25 009</b>	<b>Collet chuck holder ER 25</b>	
	Weight [kg]:	4.000
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	100
<b>8 231 25 015</b>	<b>Collet chuck holder ER 25</b>	
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	120
<b>8 231 26 013</b>	<b>Collet chuck holder ER 32</b>	
	Weight [kg]:	4.360
	Notation:	offset
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 32
	Coolant:	IC/Ext
	Center distance [mm]:	100
<b>8 231 26 018</b>	<b>Tool holder HT 4</b>	
	Weight [kg]:	3.940
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 4
	Coolant:	IC/Ext
	Please note:	demountable in right version

Part-#	Name	
	Center distance [mm]:	100
<b>8 231 26 037</b>	<b>Boring bar holder Ø 20</b>	
	Weight [kg]:	4.990
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	100
<b>8 231 27 027</b>	<b>Boring bar holder Ø 1 1/4"</b>	
	Weight [kg]:	4.600
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	100
<b>8 231 28 007</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	4.000
	Notation:	offset
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	100
<b>8 231 28 008</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	4.200
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	85
<b>8 231 28 009</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	4.740
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	100

Part-#	Name	
<b>8 231 28 014</b>	<b>Boring bar holder Ø 32</b>	
	Weight [kg]:	4.100
	Notation:	offset
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	100
<b>8 231 28 016</b>	<b>Boring bar holder Ø 32</b>	
	Notation:	offset
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Please note:	Offset dimension from center VDI shaft 35 mm
	Center distance [mm]:	100
<b>8 231 28 024</b>	<b>Tool holder HT 6</b>	
	Notation:	offset
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Coolant:	IC/Ext
	Please note:	with fixation rail
	Center distance [mm]:	100
<b>8 231 29 003</b>	<b>Boring bar holder Ø 40</b>	
	Weight [kg]:	4.490
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Please note:	demountable in right version
	Center distance [mm]:	100
<b>8 236 28 007</b>	<b>Tool holder HT 6</b>	
	Weight [kg]:	5.830
	Notation:	offset
	Version:	doubletoothed
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	HT 6
	Coolant:	IC/Ext
	Please note:	with fixation rail
	Center distance [mm]:	120
<b>8 239 25 018</b>	<b>Double collet chuck holder ER 25</b>	
	Weight [kg]:	4.260
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	ER 25
	Coolant:	IC/Ext
	Center distance [mm]:	100

Part-#	Name	
<b>8 239 27 011</b>	<b>Double boring bar holder Ø 25</b>	
	Weight [kg]:	6.580
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	100
<b>8 239 28 009</b>	<b>Double boring bar holder Ø 32</b>	
	Weight [kg]:	6.260
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	100
<b>8 251 24 002</b>	<b>Combi double turning holder sq. 20</b>	
	Weight [kg]:	4.600
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Sq. 20
	Coolant:	EXT
<b>8 262 29 022</b>	<b>Stock stop VDI 30 - Ø 60 OD turret</b>	
	Weight [kg]:	4.220
	Notation:	rotating
	Version:	left
	Shank size [mm]:	30.00
	Shank type:	VDI
	Rotation max [1/min]:	8000
	Coolant:	no
	Please note:	Length adjustable
	Center distance [mm]:	100
<b>8 320 22 019</b>	<b>Cut-off holder, height adjustable SH 26 IC</b>	
	Weight [kg]:	1.510
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
<b>8 320 23 013</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	1.720
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70

Part-#	Name	
<b>8 320 23 018</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	1.910
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
<b>8 320 23 038</b>	<b>Cut-off holder, height adjustable SH 32 IC</b>	
	Weight [kg]:	1.900
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal, check applicability!
<b>8 320 29 002</b>	<b>Cut-off holder, height adjustable 845 IC</b>	
	Weight [kg]:	1.630
	Version:	universal
	Shank size [mm]:	30.00
	Shank type:	VDI
	Tool adaption:	 System 845
	Coolant:	IC
	Pressure max [bar]:	70

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